

APRIL/MAY 2024

**23USMB24 — SERICULTURE (SEC III)**



Time : Three hours

Maximum : 75 marks

**SECTION A — (10 × 2 = 20 marks)**

Answer ALL questions.

1. Define Sericulture.
2. Find taxonomical characters of mulberry varieties
3. What are the stages of Silkworm?
4. Tell morphology of silkworm
5. What is Parasitism?
6. What is Commensalism?
7. How Rearing of Silkworm is done?
8. Define Cocoon assessment
9. What is EDP?
10. What are subsidiary facilities?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the importance of Sericulture

Or

- (b) Illustrate Botanical distribution and taxonomical characters of mulberry varieties and species

12. (a) Outline the morphology of Silkworm

Or

- (b) Illustrate the importance of Silkworm.

13. (a) Explain the Bacterial disease of Silkworm.

Or

- (b) Explain Symbiosis and Parasite relationship

14. (a) Outline Rearing of silkworm

Or

- (b) Summarize Cocoon assessment and processing technologies

15. (a) Explain Entrepreneurship and rural development in sericulture

Or

- (b) Construct Planning for EDP

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Analyse Biology of Mulberry plant and Mulberry crop cultivation and protection

17. Explain Life cycle of silkworm

18. Elaborate on the pebrine and viral disease of Silkworm.

19. Discuss Value added products of Mulberry and silkworms

20. Compile Insectary facilities and equipments.

